

Results of the 2015 CQ WW WPX RTTY Contest

BY ED MUNS, WØYK

“Excellent conditions on ten meters again this year!” – **AA5AU**
 “Good activity again.” – **DJ6TK**
 “Good propagation with a lot of stations on the five bands.”
 “Eleventh CQ WPX RTTY Contest and the best.” – **F5RD**
 “Great to see 10m so wide open.” – **GUØSUP**
 “Very nice propagation for both days.” – **IZ4AFW**
 “10 and 15 meters did not disappoint!” – **KA1DBE**
 “Bands in good shape. 10m open until late evening.” – **LA9RY**
 “Great 10 meter opening.” – **N7UVH**
 “Fun contest — great conditions on 10 and 40!” **NCØDX**
 “Loads of activity made for loads of fun. Great prop throughout contest.” – **NE3H**
 “Good contest with many stations.” – **OK2SWD**
 “Vy good condx. Sometimes there was good run on 15 and 10 meters.” – **RU4SS**
 “Propagation was great on 20/15/10m during the day; 80m was a little tougher.” – **WR5J**

The 21st running of this contest enjoyed another year of benefit from the second peak of Solar Cycle 24. Ten through 40 meters all provided great propagation. Ten meters was even a bit hotter than 2014 as evidenced by the increase in QSOs on that band. The other bands each saw a very slight decrease in QSOs, but the overall pattern was almost identical to last year. Here are the percentages of QSOs on each band, in a historical perspective:

Band	2010	2011	2012	2013	2014	2015
80	13%	15%	11%	11%	8%	7%
40	27%	28%	23%	26%	21%	21%
20	36%	35%	27%	28%	22%	21%
15	23%	21%	30%	29%	28%	27%
10	0.5%	1%	9%	6%	21%	25%

World and continental records continue to be broken, nearly the same number as in 2014:

	World		Continent	
	New	Avail	New	Avail
SO10	1	3	7	18
SO15	1	3	5	18
SO20	1	3	3	18
SO40	–	3	1	18
SO80	–	3	2	18
SOAB	1	3	4	18
MSH	–	1	–	6
MSL	1	1	4	6
M2	–	1	–	6
MM	–	1	2	6
Total	5	22	28	132

Participation increased slightly from last year to 2,909 submitted logs with total QSOs dropping a bit to 1.05 million. There were 162 different countries and 2,095 different pre-

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John, WØDC, pleased with the NCØDX top North American MSH finish along with teammates Bob, WØBV, and Ken, WØLSD, operating at the WØLSD station.



Cort, K4WI, at command central after erecting a considerably smaller antenna since a tornado took down his 10-meter tower a few years back. Nonetheless, a new NA 10-meter HP record was set.

2015 CQ WW WPX RTTY TOP WORLD SCORES

<p>SINGLE OPERATOR HIGH POWER ALL BAND</p> <p>P49X (WØYK)13,809,570 AA3B8,206,200 UW2M (URØMC)8,142,372 HK1NA (N4RR)7,973,504 LZ8E (LZ2BE)7,319,532 SP7GIQ6,417,972 EM2G (UR7GO)6,206,188 ACØC5,677,044 II2V (IK2NCJ)5,239,842 WK1Q (K1MK)5,033,161</p> <p>28 MHz</p> <p>CT3FQ2,528,838 9A5Y2,017,122 ES5Q (ES4RD)1,621,262 G8DX1,496,685 K4WI1,441,600 DK3T (DK3EE)1,333,837 W9ILY1,274,900 HA8JV1,261,950 YT2R (YU1AU)1,156,948 AA5AU1,129,361</p> <p>21 MHz</p> <p>OGØZ (OH9MM)3,236,205 ES5RY2,544,136 UW1M2,263,668 KU2M2,120,848 K8IA/72,044,035 3Z5N (SP5GRM)1,979,460 C6AUM1,824,984 OL8M1,794,835 WK7S (K6LL)1,726,018 IQ9UY (IT9WNU)1,680,225</p> <p>14 MHz</p> <p>CR2X (OH2PM)3,270,504 TM6M (F4DXW)3,170,120 SQ4M2,330,506 IT9AUG1,797,525 PT2CM (PT2FE)1,445,808 UA9CKP1,349,805 IT9HBT1,181,880 IW3RUA989,230 IZ1ZHG660,666 IK4DCX523,768</p> <p>7 MHz</p> <p>OK6W (OK1MU)4,289,600 S5ØA4,286,128 OM/IT9RGY (IT9RGY)4,060,964 EA5RS (UT5UDX)4,022,656 LY8Ø3,619,560 IW1QN3,354,108 K9ØM/42,380,320 S51CK2,007,882 4Z5ML1,883,836 RV5K1,629,612</p> <p>3.5 MHz</p> <p>OL9A1,626,784 OK2SFP929,568 LY2SA836,076 OH3FM608,938 IV3SKB554,896 DJ6QT431,750 DJ8QP302,696 EW8DZ300,924 DL7URH266,246 UT8NT151,076</p> <p>LOW POWER ALL BAND</p> <p>*KK9A/45,161,074 *UW5Q (UR3QCW)3,887,624 *ØQ6A (ØN5MF)3,637,840 *WP3C3,331,900 *LY6A2,968,560 *LZ9R (LZ3YY)2,888,432 *K9NR2,561,288 *XZ2B (PY2MNL)2,511,544 *UP6P2,455,085 *KST7AA (WK6I)2,265,324</p> <p>28 MHz</p> <p>*YV1KK2,635,110 *H2X (5B4ALX)906,594 *PYSZW876,708 *UY2UA621,270 *EA1ACP595,707</p>	<p>*YT8A (YU1EA)564,750 *CA5GRF529,869 *CE3DNP509,696 *LW6DG447,299 *A92AA431,314</p> <p>21 MHz</p> <p>*EE8E (EA8AH)2,553,040 *EE7Y (EC7WA)1,298,220 *PU1MKZ953,635 *GM5M (GM4ZNC)899,175 *RA9AU793,221 *Z36N768,200 *J35X726,574 *A61DJ661,830 *KH6ZM655,941 *DJ4MH574,820</p> <p>14 MHz</p> <p>*5C5W (CN8KD)2,334,260 *YT2T1,038,558 *URØHQ687,810 *AD7JP (K2PO)642,915 *SP4JQC628,760 *YV4NN496,740 *S53F485,940 *IZ8EFD412,875 *RU5TT (R3TE)335,797 *ES2DJ321,708</p> <p>7 MHz</p> <p>*IW4EGX2,001,290 *4Z5UN1,596,252 *YU2A1,247,324 *ØK2RU996,300 *SQ2NNV990,528 *HA1WD779,580 *IK3ØRD761,068 *I3PXN739,152 *DL5KUD710,820 *SV1DPP632,196</p> <p>3.5 MHz</p> <p>*SQ2RGB674,674 *ØK2HBR410,220 *ØM3RWB (ØM3ZWA)375,452 *ØK2SAR369,984 *UN1L358,392 *SP9BNM337,776 *S53NW317,504 *UXØDL266,228 *E78T264,002 *US7KC262,160</p> <p>QRP ALL BAND</p> <p>TM3T (F5VBT)1,793,839 RX1CØ1,360,730 RU4SS1,309,542 TM9K (F5BEG)1,231,360 CT1BXT1,043,072 VE3KI1,040,732 IZ8JFL/1779,132 K8EM669,383 K2YG611,226 CO6RD481,584</p> <p>28 MHz</p> <p>IØZF366,605 HA3JB119,616 CO6EC94,150 MØ3PG69,913 RT4W57,486 HA3HX33,558 JRØBUL31,110 ZM3T (W3SE)12,772 F5SDD11,310 KH6KG10,974</p> <p>21 MHz</p> <p>YØ3DAC118,793 SP4LVK94,301 YØ9CWY37,548 IZ8GNR33,335 WFØT23,205 DL2TM21,185 JR1NKN20,086 HB9/IW2NRI18,920 JE1CAC12,222 DU6TB7,038</p>	<p>14 MHz</p> <p>SP6GCU292,635 SBØA (SMØLPO)224,954 HG6C (HA6IAM)142,065 DL9IM74,340 KØ7M (KØMP)17,596 IZ2QKG16,643 RA3XEV10,366 KB2HSH8,184 ØZ4ZT5,724 IZ1TTR5,096</p> <p>7 MHz</p> <p>IZ2JPN204,930 IK4LXA187,704 UW3U185,468 KØ7XNF106,500 IW1BCØ73,836 Z33F65,090 YT2PFR48,150 YT5TT38,088 N3CR7/219,240</p> <p>3.5 MHz</p> <p>UR9QQ30,758 NW3R (NH7C)21,546 9A1IW3,658 JF2IWL2,970</p> <p>MULTI-OPERATOR SINGLE TRANSMITTER (HIGH)</p> <p>HG1S (HA1TJ)9,555,980 ED1R (EC1KR)8,932,272 HG7T (HA5WA)8,597,160 RY6Y (RU6YJ)6,275,700 SZ1A (SV1CIB)6,206,723 E11Y (E13KG)6,187,743 9AØZ (9A5VEK)5,628,744 ØH2HAN (ØH8WW)5,347,078 NØØX (WØLSD)5,027,535 V55V (DD8ZX)4,411,755</p> <p>MULTI-OPERATOR SINGLE TRANSMITTER (LOW)</p> <p>*9A7T (9A2EU)2,309,063 *ES1Ø (ES2SDA)2,290,842 *DØ4W (DL2MLU)2,241,943 *V31YN (DJ4KW)2,142,875 *LY5W1,553,877 *DFØBLM (DG5VE)1,478,026 *IØ2CU (IN3ØWY)1,367,916 *ØK2RVM (ØK2PDU)1,070,535 *SX2AG (SV2HTI)1,045,910 *SN1A (SP1MHZ)1,014,978</p> <p>MULTI-OPERATOR TWO TRANSMITTER</p> <p>LX7I16,292,094 DR5N13,565,637 NØNI10,937,406 S51A10,810,952 WX3SKY5,219,507 ED2C4,668,950 LN5Ø4,609,640 WR5J/74,248,010 LZ7A3,870,143 DLØWRTC3,589,109</p> <p>MULTI-OPERATOR MULTI-TRANSMITTER</p> <p>9A1A24,749,209 RWØA15,393,766 NR4M14,903,685 YL39ØUI9,845,010 VØ7G9,645,264 DG4UF7,773,382 KH7XX7,371,453 ØH5C5,967,849 S53A4,383,704 NB3R4,135,711</p> <p>ROOKIE HIGH POWER ALL BAND</p> <p>A71AM455,430 ØG9ØAA (ØH8FAL)376,739 K5MXG325,278 TF2CT272,970 N7BX1131,580 D6BVCO85,374 SV1ØXU72,030</p> <p>14 MHz</p> <p>YØ3VU502,518 USØMS301,070 MØUNI166,915 W3RTY123,120 EI1DX111,042 IV3IXN96,416 IK1BP165,280 PY2KJ5,418 VK6SMK3,115</p>	<p>LA8FTA49,911 KH6SAT6,120 SQ2KUM4,888</p> <p>21 MHz</p> <p>A71AE45,250</p> <p>LOW POWER ALL BAND</p> <p>*DK6ØR384,336 *R2ØM375,915 *DL6WM319,608 *SA6CMØ313,876 *UR5LY306,138 *TF2MSN293,930 *S57SWR223,232 *AB3TM204,720 *M6ESV197,072 *ISØDCR194,040</p> <p>28 MHz</p> <p>*CA5GRF529,869 *A92AA431,314 *RA6GW344,100 *KØ2HXI110,484 *9A3ØZH20,640 *A71MM17,250 *JH1GTY15,808 *IZ7ZKV6,100</p> <p>21 MHz</p> <p>*A61DJ661,830 *YYSJAK117,849 *EU2TT95,183</p> <p>14 MHz</p> <p>*EW2EØ1,827</p> <p>7 MHz</p> <p>*S54MI263,780 *YT2PFR48,150 *YC9GWR2,070</p> <p>TRIBANDER/SINGLE ELEMENT HIGH POWER ALL BAND</p> <p>GWØA2,750,185 RU3FM2,478,060 OE2E (OE2GEN)2,449,560 ØN6NL2,406,003 N3QE2,382,531 EV1R2,091,744 GM1C (GM1BSG)2,069,676 EW4AA1,983,860 K3MD1,941,984 EA1BD1,767,456</p> <p>28 MHz</p> <p>W9ILY1,274,900 5W1SA985,571 VE2FU398,772 IK4ALM248,446 IK2AHB184,690 UR5FBM118,314 KV7DX (AA7V)87,348 Y22LI51,584 HA5AWT45,240 KP4JFR23,206</p> <p>21 MHz</p> <p>WK7S (K6LL)1,726,018 SP8K (SQ8JX)1,196,874 RW4WZ887,468 M7P (G6NHU)643,165 UA6LJB592,088 KZ7X (W7WWW)431,258 N6JV370,640 JH8SIT152,400 JA6VQA128,960 WA5ZUP9,198</p> <p>14 MHz</p> <p>YØ3VU502,518 USØMS301,070 MØUNI166,915 W3RTY123,120 EI1DX111,042 IV3IXN96,416 IK1BP165,280 PY2KJ5,418 VK6SMK3,115</p>	<p>7 MHz</p> <p>K9ØM/42,380,320 S51CK2,007,882 W1AJT/4335,872 DJ2RG286,590 EA3DUM283,360 WM9Q258,912 W6RKC49,284 W9AKS47,424 JA5NSR7,280</p> <p>3.5 MHz</p> <p>OK2SFP929,568 IV3SKB554,896 UA4PG50,778</p> <p>LOW POWER ALL BAND</p> <p>*ØØ6A (ØN5MF)3,637,840 *XZ2B (PY2MNL)2,511,544 *UR6EA2,202,470 *RT9S1,989,342 *NY6DX/21,763,335 *4X1RF1,586,159 *AD5XD1,469,600 *WD4AHZ1,442,979 *IK3TPP1,387,008 *AE1P1,303,680</p> <p>28 MHz</p> <p>*PY5ZW876,708 *EA8CNR405,426 *EC8CØ322,800 *IW9FDD186,867 *LU9EHU166,988 *VE3IAE126,474 *PY2MC113,737 *DF4WC89,280 *IK5ZUB83,424 *Z31MM68,544</p> <p>21 MHz</p> <p>*J35X726,574 *W4LC536,843 *W1ZD/7525,780 *N9TGR521,752 *RSACQ310,860 *RK9AK188,612 *7M4ØØS110,168 *SV7CUD52,540 *EA3NO47,946 *JR4GPA43,164</p> <p>14 MHz</p> <p>*IZ8EFD412,875 *RU5TT (R3TE)335,797 *ØM4Ø (ØM3NI)245,072 *AB1J233,640 *ØQ4B (ØN4BHQ)186,839 *YØ5ØHY175,584 *I4UUL175,392 *S57YK142,562 *IZ7XNB138,138 *RA9AFZ40,482</p> <p>7 MHz</p> <p>*IW4EGX2,001,290 *YU2A1,247,324 *ØK2RU996,300 *IK3ØRD761,068 *DL5KUD710,820 *ØP4A286,000 *LY2PAD256,680 *UX5UU185,468 *Z33F65,090 *J13CWI52,724</p> <p>3.5 MHz</p> <p>*SP9BNM337,776 *S53NW317,504 *S52WD98,560 *YØ5CUQ39,928 *JR1BFZ/27,680 *UA9UX7,070 *9A1IW3,658 *JF2IWL2,970</p>
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The radio... *YAESU*

FT-991

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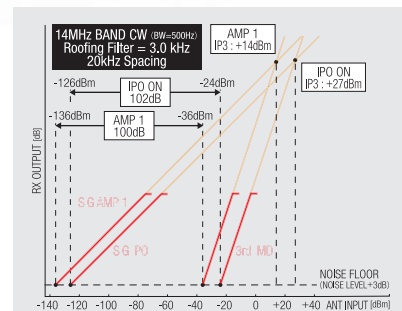


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record and second place Alessandro, H2X (5B4ALX), set a new Asia record. Vlad, UY2UA, won Europe for fourth place. Jose, EA8CNR, won Africa; Lie, YBØCOU, won Oceania; and Jim, K3NK, won North America.

Pekka, EE8E (EA8AH), set a new world and Africa record on 15 meters and second place Francisco, EE7Y (EC7WA), set a new European record. Third place Fernando, PU1MKZ, was first in South America. Fifth place Victor, RA9AU, won Asia and 7th place. Derek, J35X, won North America. Ninth place Max, KH6ZM, set a new Oceania record.

Mohamed, 5C5W (CN8KD), set a new 20-meter world and African record. Marko, YT2T, won Europe for second place and Bill, AD7JP (K2PO), won North America for 4th place. Daniel, YV4NN, won South America; Yuri, UA9AFS, won Asia; and Hilary, VK2IUW, won Oceania.

Nicola, IW4EGX, won 40 meters and Evgeni, 4Z5UN, set a new Asia record for second place. John, K7WP, won North America; and Erick, YD2NDX, won Oceania.

Tomek, SQ2RGB, won 80 meters and 5th place; Gennadiy, UN1L, won Asia. Nicolas, FG4NO, won North America.

John, KK9A, won All Band world and North America while second place Ruslan, UW5Q (UR3QCW), won Europe. Wanderley, ZX2B (PY2MNL), won South America; Yuri, UP6P, won Asia; Karel, ZR9C (XS6WN), won Africa; and Wahyu, YC1CWX, won Oceania.

High Power (918)

Carlos, CT3FQ, won 10-meter World and Africa; and Vedran, 9A5Y (9A7DX), won Europe. Fifth place Cort, K4WI, set a new North American record while Serge, RAØAY, set a new

Asian record. Atsuo, 5W1SA, won Oceania and posted a short YouTube video. Rene, LU7HN, won South America.

Juha, OGØZ (OH9MM), set a new European record to win the world on 15 meters. Fourth place Peter, KU2M, won North America; and Eugene, UCØCA, set a new Asian record. Karsono, YBØNDT, won Oceania; and Francisco, PS7DX, won South America.

Perti, CR2X (OH2PM), won 20 meters with a new European record, followed very closely by Steph, TM6M (F4DXW), for second place. Emmo, PT2CM (PT2FE), was fifth overall to win South America; and Konstantin, UA9CKP, won Asia. Roy, W3RTY, won North America; and Steve, VK6SMK, won Oceania.

Pavel, OK6W (OK1MU), won Europe and the world on 40 meters. Dick, K9OM, won North America; and Alex, 4Z5ML, won Asia.

Jan, OL9A, won Europe and the World on 80 meters. Steve, K4FJ, won North America; and Anatol, UN4PG, won Asia.

Ed, P49X (WØYK), won All Band World while Bud, AA3B, took second, setting a new North American record. Roman, UW2M (URØMC), took third to win Europe; and Roger, HK1NA (N4RR), took fourth. Harumi, JR4QZR, won Asia; Manuel, EA8ZS, won Africa; and Frank, ZM2B, won Oceania.

Multi-Operator (101)

Multi-Single is the most popular multi-operator category:

MSL MSH M2 MM 21 49 17 14

9A7T (9A2EU, 9A5MR, 9A5BCL) set a new world record for Multi-Single Low Power and fourth place V31YN (DJ4KW,

2015 WPX RTTY CLUB SCORES

United States			ORCA DX AND CONTEST CLUB.....		
Club	# Entrants	Score			
POTOMAC VALLEY RADIO CLUB.....	38	30,981,615	LATVIAN CONTEST CLUB.....	11	15,219,859
SOCIETY OF MIDWEST CONTESTERS.....	32	27,091,118	CONTEST CLUB ONTARIO.....	17	10,967,263
FRANKFORD RADIO CLUB.....	18	22,876,322	KAUNAS UNIVERSITY OF TECHNOLOGY RADIO CLUB.....	11	9,821,552
NORTHERN CALIFORNIA CONTEST CLUB.....	13	19,655,795	ARAUARIA DX GROUP.....	17	9,640,407
YANKEE CLIPPER CONTEST CLUB.....	20	13,465,422	BELARUS CONTEST CLUB.....	9	9,261,512
FLORIDA CONTEST GROUP.....	13	8,521,567	RADIO AMATEUR ASSOCIATION OF WESTERN GREECE.....	4	7,594,284
WESTERN WASHINGTON DX CLUB.....	9	8,182,636	CONTEST GROUP DU QUEBEC.....	10	7,322,308
KANSAS CITY CONTEST CLUB.....	5	7,522,164	CONTEST CLUB FINLAND.....	10	6,956,486
ARIZONA OUTLAWS CONTEST CLUB.....	20	7,211,954	CONTEST CLUB SERBIA.....	12	6,404,142
WILLAMETTE VALLEY DX CLUB.....	19	5,368,080	URAL CONTEST GROUP.....	6	5,987,915
SKYVIEW RADIO SOCIETY.....	3	5,313,685	DONBASS CONTEST CLUB.....	3	5,717,643
CTRI CONTEST GROUP.....	6	5,011,947	KRIVBASS.....	5	5,609,337
MISSISSIPPI VALLEY DX/CONTEST CLUB.....	4	4,641,266	SP DX CLUB.....	18	5,597,079
MOTHER LODE DX/CONTEST CLUB.....	8	3,851,585	LU CONTEST GROUP.....	13	4,933,151
DFW CONTEST GROUP.....	6	3,455,298	BLACK SEA CONTEST CLUB.....	11	4,509,462
MINNESOTA WIRELESS ASSN.....	17	3,397,440	LITHUANIAN CONTEST GROUP.....	3	4,147,766
ALABAMA CONTEST GROUP.....	5	3,362,892	LYTAUTAS MAGNUS UNIVERSITY RADIO CLUB.....	6	3,849,195
GEORGIA CONTEST GROUP.....	3	3,109,208	TEMIRTAU CONTEST CLUB.....	4	3,125,567
NIAGARA FRONTIER RADIOSPORT.....	4	3,051,293	SOUTH URAL CONTEST CLUB.....	5	3,096,029
TENNESSEE CONTEST GROUP.....	11	2,881,445	RUSSIAN CONTEST CLUB.....	6	2,907,467
NORTH COAST CONTESTERS.....	4	2,281,169	599 CONTEST CLUB.....	4	2,888,479
MAD RIVER RADIO CLUB.....	6	2,267,845	RTTY CONTESTERS OF JAPAN.....	8	2,132,246
SOUTHERN CALIFORNIA CONTEST CLUB.....	11	1,921,699	YO DX CLUB.....	3	2,006,609
MIDLAND AMATEUR RADIO CLUB.....	4	1,787,126	RUSSIAN CW CLUB.....	4	1,917,850
SOUTH EAST CONTEST CLUB.....	3	1,638,574	YB LAND DX CLUB.....	16	1,882,864
BERGEN ARA.....	4	1,630,681	EUROPEAN PSK CLUB.....	6	1,760,866
SPOKANE DX ASSOCIATION.....	8	1,602,617	ARCK.....	6	1,693,421
GRAND MESA CONTESTERS OF COLORADO.....	4	1,595,690	THRACIAN ROSE CLUB.....	5	1,663,761
BRISTOL (TN/VA) ARC.....	4	1,528,000	CSTA BUCURESTI.....	3	1,614,400
ORDER OF BOILED OWLS OF NEW YORK.....	5	1,480,666	DL-DX RTTY CONTEST GROUP.....	5	1,511,663
METRO DX CLUB.....	4	1,416,622	DANISH DX GROUP.....	7	1,509,980
SHENANDOAH VALLEY WIRELESS.....	3	892,885	CHILTERN DX CLUB.....	6	1,157,917
MURGAS AMATEUR RADIO CLUB.....	3	423,640	RIO DX GROUP.....	5	1,007,876
HILLTOP TRANSMITTING ASSN.....	3	259,560	VK CONTEST CLUB.....	3	771,112
SWAMP FOX CONTEST GROUP.....	3	69,400	CHILEAN PACIFIC DX GROUP.....	3	724,935
			CONTEST CLUB HARZ HEIDE.....	3	678,963
			BARIVM DX TEAM.....	4	676,735
			POLISH RADIOVIDEOGRAPHY CLUB.....	3	567,444
			SK2AT FORENINGEN UMEA RADIOAMATORER.....	3	472,962
			BALATON RADIOAMATEUR DX CLUB.....	3	438,686
			UR-QRP-CLUB.....	3	405,433
			DOMODOVO.....	3	366,420
			CSM CLUJ-NAPOCA.....	4	356,906
			VLADIMIR CONTEST GROUP.....	3	339,281
			BESSRABIAN CONTEST CLUB.....	3	149,096
			RU-QRP CLUB.....	3	59,626
DX					
BAVARIAN CONTEST CLUB.....	94	78,749,435			
CROATIAN CONTEST CLUB.....	15	35,381,037			
UKRAINIAN CONTEST CLUB.....	34	34,819,519			
RHEIN RUHR DX ASSOCIATION.....	52	34,710,004			
ITALIAN CONTEST CLUB.....	82	33,455,757			
SLOVENIA CONTEST CLUB.....	10	24,533,888			
EA CONTEST CLUB.....	29	22,690,385			
HA-DX-CLUB.....	6	20,554,715			

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Optional M-600 external analog meter \$129.99



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1KW tuner features: 5 to 1,000 Watts PEP; RF Sensing; Auto and Semi Tuning Modes; 1.8 to 54 MHz range; 6 to 800 ohm range (15 to 150 on 6M); simplified operation; Two position antenna switch, 2,000 memories.

Suggested Price \$539.99

Optional M-1000 external analog meter \$129.99



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DK1IP) set a new North American record. YE1ZAT (YD1DPM, YD1DOQ, YD1DGZ, YD1GCL) set a new Oceania record and posted a YouTube video, while HS1NIV (HS1NIV, HS5ZBR, E22ZXX) set a new Asian record. ZS6WR (ZS6RJ, ZS6C, ZS6PVT) won Africa.

HG1S (HA1TJ, HA8DM, HA1DAC, HA1DAI, HA6NF, HA1DAE) won Multi-Single High Power and NCØDX (WØLSD, WØBV, WØDC) won North America. V55V (DD8ZX, DC8QT, DJ9KM) won Africa, CE2LS (CE2SQE, CE2VRD, CA2DMR, CE2VQF, CE2RTF, CE3OP) won South America; and RKØAWQ (RXØAK, RØAA) won Asia.

LX7I (LX2A, DK5ON, DL6ZBN, DD5ZZ, DL8LR, DF8XC, DF7ZS) won Multi-Two and DR5N (DF1MM, DJ9DZ, DK5OS, DL9YAJ) took second. NØNI (NØXR, NØNI, NØAC, NUØQ, WØBNW) won North America for third place and JH4UTP (JH4UTP, RTTY Skimmer) won Asia.

9A1A (9A5W, 9A6A, 9A7R, 9A7C, 9A5DDT, 9A8A, 9A9A, 9A6TKS, 9A5CKK, 9A7MSM, 9A7CMM, 9A7MIM, 9A5CPP, 9A3GDZ) once again won Multi-Multi and set a new European record (breaking the four prior European records set by themselves!), posting the second highest all-time score of any mode, just shy of the EF8M world record. RWØA (RAØAM, RAØALM, RUØAM, RWØAR, RGØA, RZØAT, RUØA, RZØAI, RVØAUI, RUØAKB, RAØANR, RAØASG, RAØAAC, UA0103112) set a new Asian record for second place and NR4M was close behind for third place. KH7XX (KH7U, KH6FP, KH6U, WH6R, AH6NF, AH0A, @KH6YY) won Oceania.

Club Competition

World – The Bavarian Contest Club once again led the field in the world club competition with 78.7 million points from

their 94 entries. The Croatian Contest Club took second with only 15 entries. Close behind were the third and fourth place Ukrainian Contest Club and the Rhein Ruhr DX Association. A very close fifth place finish was submitted with 82 entries from the Italian Contest Club.

North America – The Potomac Valley Radio Club was sixth in the world to win the North America plaque, with the Society of Midwest Contesters not far behind in second place.

Closing

"Very nice fun, I am a first time participate in RTTY mode, it's great." – **4K6FO**

"This was my first RTTY contest experience! Very fun!" –

KM6JD

"My first WPX RTTY contest." – **OK1DQT**

"My first RTTY WPX contest." – **OK4GP**

"This is first S53A RTTY operation. We had fun with endless pileups!" – **S53A**

"This was my first RTTY contest." – **ZS1TMJ**

The complete results listing of all received logs is only on the web at <<http://www.cq-amateur-radio.com>>. In addition, a searchable database of the results from every CQ WPX RTTY Contest is available at <http://www.cqwxprtty.com/score_db.htm>.

Log Check Reports (LCRs) suggest ideas to improve operating accuracy. This valuable information is readily obtainable by email from <wOyk@cqwxprtty.com>. You can compare your log check statistics with the averages across all logs in this contest:

1.2% incorrect received callsign

1.8% incorrect serial number received

1.3% NIL (Not In Log)
 5.2% total error rate (with penalties and lost mults, score reduction is higher)
 10% score reduction

Achieving a zero error rate may mean that too much time is being spent on accuracy. Speed and accuracy are a trade-off for optimal communication.

A number of volunteers work tirelessly in the background to bring contests to us. Ken, K1EA, and Randy, K5ZD, continue to improve and support the log-checking and website software. K5TR and N5KO quietly manage the IT infrastructure behind the log submittal robots, log storage, and log-checking software. The WWROF (World Wide Radio Operators Foundation) provides

financial support for the IT services required, among other support for contesting in general as well as postage for paper certificates. All of us can help with our donations to WWROF, so please consider this a way to give back to the radiosport. Barry, W5GN, performs the huge task of getting paper certificates out. Ray, ND8L, manages the plaque program, which is another opportunity for us to give back by becoming plaque donors. You can choose an unsponsored plaque in any category.

The 22nd CQ WPX RTTY Contest will be held on 13-14 February 2016. I look forward to seeing everyone again then!

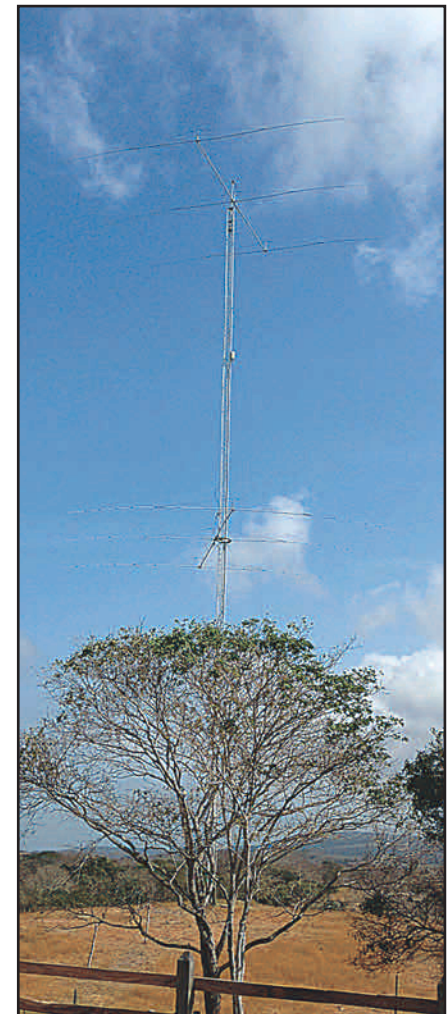
"This was a fun exercise." – **OH10X**
"What a blast. Great contest!" – **OQ6A**
"Part time fun!" – **W4SDJ**



3 over 3 on 40 meters at HK1NA.



Roger, N4RR, at one of the MM positions, converted to SO4V, where he placed 4th worldwide in SO AB HP.



6 over 6 over 6 on 20 meters at HK1NA.



The HK1NA "shack."